

09/454,481

Filing Date:

December 3, 1999

AMENDMENTS TO THE CLAIMS

Claims 1-12 (Cancelled)

Claims 13-20 (Withdrawn)

21. (Currently Amended) A method for [inhibiting the growth of] <u>increasing the activation of T cells against</u> non-T cell tumor cells <u>and tissue cells</u> in a mammalian host, the method comprising:

contacting at least one T cell of said host with (a) a self antigen preparation comprising a self antigen, wherein said self antigen is expressed on tissue cells and non T-cell tumor cells arising from said tissue and (b) a CTLA-4 blocking agent characterized as specifically binding to the extracellular domain of CTLA-4 and inhibitory of CTLA-4 signaling, wherein said CTLA-4 blocking agent comprises an antibody or a fragment thereof[;]

[whereby] , wherein said contacting is effective to break immune tolerance <u>against</u> said self antigen and stimulate an autoreactive T cell response [against said self antigen expressed on said non-T cell tumor cells and normal cells] <u>against said tissue cells and said non T cell tumor cells expressing said self antigen</u>.

- 22 (Cancelled)
- 23. (Currently Amended) The method of Claim 21, wherein said self antigen preparation comprises a tumor vaccine containing said self antigen.
- 24. (Currently Amended) The method of Claim 23, wherein said tumor vaccine comprises [tumor cells transduced with a cytokine-encoding transgene] cytokine-tranduced tumor cells containing said self antigen.
- 25. (Currently Amended) The method of Claim 21, wherein said self antigen preparation comprises tumor cell lysates <u>containing said self antigen</u>.
- 26. (Cancelled)

U.S.S.N.:

09/454,481

Filing Date:

December 3, 1999

- 27 (Previously Amended) The method of Claim 21, wherein said contacting step comprises administering said self antigen preparation and said CTLA-4 blocking agent to said mammalian host either simultaneously or sequentially.
- 28. (Previously Amended) The method of Claim 21, wherein said contacting step occurs ex vivo and said at least one T cell is administered to said host.

S

29. (Cancelled)

- 30. (Cancelled)
- 31. (Previously Amended) The method of Claim 21, comprising contacting said mammalian T cell with an immune response stimulating agent either simultaneously or sequentially.